

Miquel SÃ nchez-MarrÃ

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

883
citations

623574

14
h-index

477173

29
g-index

45
all docs

45
docs citations

45
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing and building real environmental decision support systems. <i>Environmental Modelling and Software</i> , 2004, 19, 857-873.	1.9	185
2	Artificial Intelligence and Environmental Decision Support Systems. <i>Applied Intelligence</i> , 2000, 13, 77-91.	3.3	131
3	OntoWEDSS: augmenting environmental decision-support systems with ontologies. <i>Environmental Modelling and Software</i> , 2004, 19, 785-797.	1.9	75
4	A comparative study on the use of similarity measures in case-based reasoning to improve the classification of environmental system situations. <i>Environmental Modelling and Software</i> , 2004, 19, 809-819.	1.9	57
5	Decision support systems (DSS) for wastewater treatment plants – A review of the state of the art. <i>Bioresource Technology</i> , 2019, 290, 121814.	4.8	53
6	Which method to use? An assessment of data mining methods in Environmental Data Science. <i>Environmental Modelling and Software</i> , 2018, 110, 3-27.	1.9	48
7	DAI-DEPUR: an integrated and distributed architecture for wastewater treatment plants supervision. <i>Advanced Engineering Informatics</i> , 1996, 10, 275-285.	0.5	44
8	A knowledge-based approach to the deflocculation problem: integrating on-line, off-line, and heuristic information. <i>Water Research</i> , 2003, 37, 2377-2387.	5.3	37
9	GESCONDA: An intelligent data analysis system for knowledge discovery and management in environmental databases. <i>Environmental Modelling and Software</i> , 2006, 21, 115-120.	1.9	30
10	Learning and Adaptation in Wastewater Treatment Plants Through Case-Based Reasoning. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 1997, 12, 251-266.	6.3	27
11	DEPUR: A knowledge-based tool for wastewater treatment plants. <i>Engineering Applications of Artificial Intelligence</i> , 1994, 7, 23-30.	4.3	26
12	A purely reactive navigation scheme for dynamic environments using Case-Based Reasoning. <i>Autonomous Robots</i> , 2006, 21, 65-78.	3.2	19
13	Outcomes from the iEMSs data mining in the environmental sciences workshop series. <i>Environmental Modelling and Software</i> , 2011, 26, 983-985.	1.9	17
14	An Approach for Temporal Case-Based Reasoning: Episode-Based Reasoning. <i>Lecture Notes in Computer Science</i> , 2005, , 465-476.	1.0	15
15	Sustainable case learning for continuous domains. <i>Environmental Modelling and Software</i> , 1999, 14, 349-357.	1.9	13
16	A Hybrid Recommender System to Improve Circular Economy in Industrial Symbiotic Networks. <i>Energies</i> , 2019, 12, 3546.	1.6	13
17	Automatic Knowledge Acquisition from Complex Processes for the Development of Knowledge-Based Systems. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 3353-3360.	1.8	12
18	Agents as a Decision Support Tool in Environmental Processes: The State of the Art. , 2009, , 5-35.		12

#	ARTICLE	IF	CITATIONS
19	Nearest-Neighbours for Time Series. <i>Applied Intelligence</i> , 2004, 20, 21-35.	3.3	9
20	Environmental data stream mining through a case-based stochastic learning approach. <i>Environmental Modelling and Software</i> , 2018, 106, 22-34.	1.9	7
21	The role of significance tests in consistent interpretation of nested partitions. <i>Journal of Computational and Applied Mathematics</i> , 2016, 292, 623-633.	1.1	6
22	Case-Based Reasoning Applied to Textile Industry Processes. <i>Lecture Notes in Computer Science</i> , 2012, , 428-442.	1.0	6
23	Crossing the Death Valley to Transfer Environmental Decision Support Systems to the Water Market. <i>Global Challenges</i> , 2017, 1, 1700009.	1.8	5
24	Operational Modes Detection in Industrial Gas Turbines Using an Ensemble of Clustering Methods. <i>Sensors</i> , 2021, 21, 8047.	2.1	5
25	Discovering social structures of local influence by using tweetStimuli. <i>International Journal of Computer Mathematics</i> , 2014, 91, 291-303.	1.0	3
26	A methodology to discover and understand complex patterns: Interpreted Integrative Multiview Clustering (I 2 MC). <i>Pattern Recognition Letters</i> , 2017, 93, 85-94.	2.6	3
27	Interoperating data-driven and model-driven techniques for the automated development of intelligent environmental decision support systems. <i>Environmental Modelling and Software</i> , 2021, 140, 105021.	1.9	3
28	Decreasing Uncertainty When Interpreting Profiles through the Traffic Lights Panel. <i>Communications in Computer and Information Science</i> , 2012, , 137-148.	0.4	3
29	IMPROVEMENTS OF THE DECISION SUPPORT SYSTEM AT THE GRANOLLERS WWTP. <i>Proceedings of the Water Environment Federation</i> , 2002, 2002, 416-424.	0.0	2
30	Environmental sciences and artificial intelligence. <i>Environmental Modelling and Software</i> , 2004, 19, 761-762.	1.9	2
31	iTutorials for the Aid of Cognitively Impaired Elderly Population. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2011, , 303-310.	0.2	2
32	Improving the Efficiency of Case-Based Reasoning to deal with Activated Sludge Solids Separation Problems. <i>Environmental Technology (United Kingdom)</i> , 2006, 27, 585-596.	1.2	1
33	Using NIAR k-d Trees to Improve the Case-Based Reasoning Retrieval Step. <i>Lecture Notes in Computer Science</i> , 2013, , 314-325.	1.0	1
34	A case-based reasoning framework for music playlist recommendations. , 2017, , .		1
35	Estimation of Machine Settings for Spinning of Yarns “ New Algorithms for Comparing Complex Structures. <i>Lecture Notes in Computer Science</i> , 2014, , 435-449.	1.0	1
36	Combining Data-Driven and Domain Knowledge Components in an Intelligent Assistant to Build Personalized Menus. <i>Lecture Notes in Computer Science</i> , 2019, , 167-179.	1.0	0

#	ARTICLE	IF	CITATIONS
37	The Use of Intelligent Models in Decision Support. , 2022, , 411-530.		0